

2012 Boulder School for Condensed Matter and Materials  
Physics: Polymers in Soft and Biological Matter

# Experiments with Candies, Dice and Colloids

**Free Public Lecture**

Thursday July 26<sup>th</sup>, 7pm

Room G1B30, Duane Physics Building  
University of Colorado, Boulder

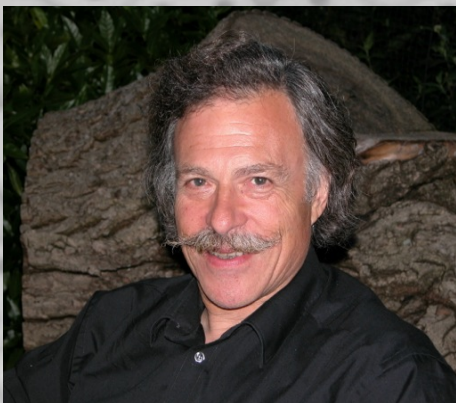
For information call (303)-492-3367



How many gumballs fit in the glass sphere of a gumball machine? Scientists have been puzzling over problems like this since the Ancient Greeks. In this talk, we will use materials from daily life to explore this interesting yet mysterious packing problem. We will then show you how the simple results we get can have a great impact on various fields in our life.

## Paul Chaikin

- One of the founders of the fascinating world of 'soft' condensed matter physics, as researcher at Exxon and Professor of Physics at Princeton University
- Silver Professor of Physics, Center for Soft Condensed Matter Research, New York University
- Member of American Academy of Arts and Sciences and the National Academy of Sciences
- Author of more than 350 articles in refereed journals



Supported by the National Science Foundation, Materials Theory